

Converting Colors

CIELCh(61, 28.973, 120.680)

Have a look what the booklet for
CIELCh(61, 28.973, 120.680)
contains.

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Color

CIELCh(61, 28.449, 120.754)

Conversions

Conversions Part 1

Format	Color
Hex	899967
RGB	137, 153, 103
RGB Percent	54%, 60%, 40%
CMY	0.4612, 0.3985, 0.5946
CMYK	0.10, 0.00, 0.33, 0.40
HSL	79°, 20%, 50%
HSV	79°, 33%, 60%
XYZ	24.3019, 29.2481, 17.2934
YIQ	142.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

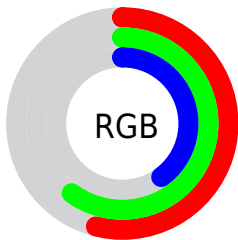
Format	Color
R_{YB}	103, 153, 119
Decimal	9017703
CIE _{Lab}	61.00, -14.55, 24.45
CIE _{LCh}	61, 28.449, 120.754
Yxy	29.2481, 0.3430, 0.4129
Android (android.graphics.Color)	4287207783 (0xFF899967)
YUV	142.5160, -19.4814, -4.8375
Hunter-Lab	54.0815, -14.4326, 18.8982

Details

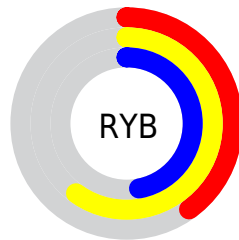
The CIELCh color $61, 28.449, 120.754$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 30.293, 304.658$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 28.013, 120.655$, and $41, 28.600, 120.976$ is the 20% darker color. If you saturate the color by 10%, you get $60, 36.873, 120.226$, and if you desaturate by 10%, it is $62, 19.817, 121.313$.

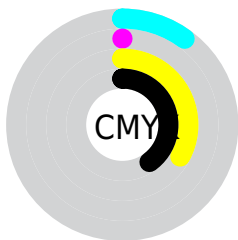
Distribution



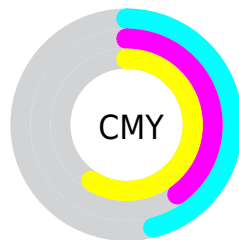
- Red (54%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)




- Cyan (46%)
- Magenta (40%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 28.449, 120.754 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 61, 28.449, 120.754 by changing the saturation by 10% instead.


 61, 28.449,
120.754


 61, 28.449,
120.754


 100, 28.449,
120.754


 51, 28.449,
120.754


 81, 28.449,
120.754

 41, 28.449,
120.754

 91, 28.449,
120.754

 31, 28.449,
120.754

 21, 28.449,
120.754

 11, 28.449,
120.754

 1, 28.449, 120.754

 0, 28.449, 120.754

■ 61, 28.449,
120.754

■ 61, 28.449,
120.754

■ 60, 36.873,
120.226

■ 62, 19.817,
121.313

■ 60, 44.936,
119.761

■ 62, 11.073,
121.873

■ 59, 52.425,
119.419

■ 63, 2.288, 122.432

■ 59, 59.036,
119.281

■ 64, 6.492, 302.924

■ 58, 64.400,
119.450

■ 65, 15.230,
303.417

■ 58, 68.179,
120.028

■ 66, 23.903,
303.875

■ 58, 70.271,
120.616

■ 67, 32.491,
304.300

■ 68, 40.982,
304.692

■ 69, 49.366,
305.051

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61, 28.449, 120.754



47, 30.293, 304.658

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 28.449, 120.754



61, 28.449, 170.754



61, 28.449, 300.754



61, 28.449, 350.754

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61, 28.450, 120.756



79, 10.850, 122.007



53, 17.663, 51.505



41, 7.383, 121.935



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 28.450, 120.756



77, 41.819, 120.373



59, 32.477, 137.571



32, 4.952, 122.060



53, 65.771, 120.499



3, 5.378, 122.974

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 30.293, 304.658



56, 45.258, 305.225



50, 32.897, 320.730



30, 5.039, 303.060



18, 82.714, 308.808



0, 5.365, 302.347

Previews

White Background



This preview shows how the CIELCh color 61, 28.449, 120.754 looks on a white background.

Color Contrast Check

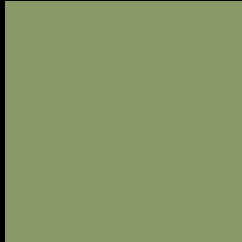
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 28.449, 120.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

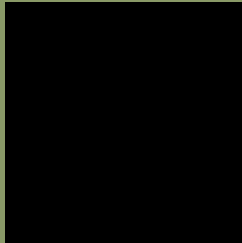
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

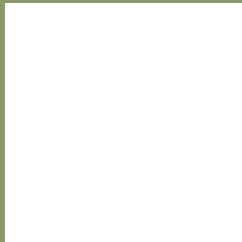
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 28.449, 120.754

Background



This preview shows how black text looks on a background with the CIELCh color 61, 28.449, 120.754.



This preview shows how white text looks on a background with the CIELCh color 61, 28.449, 120.754.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


61, 28.449, 120.754

Protanopia

61, 26.120, 95.756

Deuteranopia

61, 24.571, 72.105



Tritanopia
61, 6.226, 283.977

Trichromacy



Original Color
61, 28.449, 120.754

Protanomaly
61, 26.071, 105.325

Deuteranomaly
61, 23.803, 91.771

Tritanomaly
61, 6.781, 133.405

Monochromacy



Original Color
61, 28.449, 120.754

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.407, 122.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 28.449, 120.754 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(137, 153, 103)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 153, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 28.449, 120.754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 153, 103) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 153, 103) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 153, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 153, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 153, 103);  
box-shadow:4px 4px 4px 4px rgb(137, 153,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 28.449, 120.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 153, 103) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137,  
153, 103) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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